1. Semester (WS)	Credits
technische universität dortmund	
Engineering Mathematics	5 Cr
Advanced Continuum Mechanics	8 Cr
Enriched Continua and Metamaterials	5 Cr
Nonlinear Structural Analysis	6 Cr
Elective Module I+II » Construction with trees in practice » "How sustainable can building materials be?" » Structural Systems in Engineering Practices » Organic design and structures	3+3 Cr
Credits (ETCS)	30
TU-Dortmund University	

2. Semester (SS)	Credits
UNIVERSITÀ DI TRENTO	
Modeling and Simulation of Structures	6 Cr
Stability of Structures	6 Cr
Mechanics of Solids and Structures under Extreme Conditions	6 Cr
Machine Learning for Wireless Structural Health Monitoring	6 Cr
Elective Module III » Metastructures » Risk analysis and structural reliability	6 Cr
Credits (ETCS)	30
University of Trento	

3. Semester (WS)	Credits
CENTRALE NANTES	
Coupled problems in mechanics	6 Cr
Homogenization Methods for Materials and Structures	5 Cr
Mechanics of Porous Media	5 Cr
Design and Behavior of Modern Concrete	5 Cr
Modern Languages	2 Cr
Summer School	2 Cr
Elective Module IV » Durability and Structural Maintenance » Earthquake Engineering	5 Cr
Credits (ETCS)	30
Ecole Centrale de Nantes	

4. Semester (SS)	Credits
Master Thesis	30 Cr
» Master Thesis at one of the three partner institutions » Possible collaboration with associate partners	
Credits (ETCS)	30
One of the three	